

DRAWING WORKING\_Tier1-2  
NUMBER

APPROVED BY

CHECKED BY

DRAWN BY  
KAB

OFFICE  
CONCORD

X-REF  
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IMAGE  
Tier2\_50ft

Sample ID	PCB	TPH	Cu	Pb	HE
201-SW-3	0.470	8.4J	29	8.3	0.013U

Sample ID	PCB	TPH	Cu	Pb	HE
201-B-3	1.5	14.3M	26	8.5	0.011U

Sample ID	PCB	TPH	Cu	Pb	HE
162-SW-3	2.7	63.1M	140	55	0.022U

Sample ID	PCB	TPH	Cu	Pb	HE
162-B-3	0.390	12M	120	34	0.003U

Sample ID	PCB	TPH	Cu	Pb	HE
161-B-8	0.044J	17.4B	39	11	0.003U

Sample ID	PCB	TPH	Cu	Pb	HE
160-SW-3	9.8	709M,Z	520	120	0.043U

Sample ID	PCB	TPH	Cu	Pb	HE
165-B-10	11	770D,H,M	84	37	0.025U

Sample ID	PCB	TPH	Cu	Pb	HE
166-SWA-2	2.0	83H,M	180	38	0.006U

Sample ID	PCB	TPH	Cu	Pb	HE
164-B-7	2.8	136.6M,Z	640	140	0.020U

Sample ID	PCB	TPH	Cu	Pb	HE
86-B-10	7	52.78M,Z	49	22	0.015U

Sample ID	PCB	TPH	Cu	Pb	HE
164-SW-6	0.110U	8.1U	27	8.9	0.003U

Sample ID	PCB	TPH	Cu	Pb	HE
163-B-8	0.150	8.5U	60	21	0.003U

Sample ID	PCB	TPH	Cu	Pb	HE
110-B-10	0.110	5.3J	27	9.5	0.003U

Sample ID	PCB	TPH	Cu	Pb	HE
109-B-10	13	3.9J	36	19	0.0017U

#### LEGEND



SURVEY POINT LOCATION

-3.96

EXCAVATION OR SAMPLE  
DEPTH IN FEET



SAMPLE LOCATION

B - BOTTOM

SW - SIDEWALL



LIMIT OF EXCAVATION



Excavation to 3-ft Depth



Excavation to 3.5-ft Depth



Excavation to 4-ft Depth



Excavation to 4.5-ft Depth



Excavation to 5-ft Depth



Excavation to 6-ft Depth



Excavation to 7-ft Depth



Excavation to 8-ft Depth



Excavation to 10-ft Depth



Hot Spot Excavation



Shoreline from Draft Final RI/FS,  
Feb. 2009

#### PROJECT ACTION LIMITS (mg/kg)

Matrix	PCB	TPH	Copper (Cu)			Lead (Pb)	Heptachlor Epoxide (HE)
			PCB	TPH	HE		
Sediment	1.8	3,500	2,700	2,180	1.9		
Soil	7.4	3,500	4,700	1,970	1.9		

Bold results are above Project Action Limits (PAL); over excavation and re-sampling will be performed per the SAP.

Samples collected below three feet are considered soil and are compared to the soil PALs.

Sidewall samples that plot inside the excavation limits are due to sloping of the excavation wall.

B analyte reported was detected in the associated method blank  
D hydrocarbon pattern resembling diesel was detected in the sample  
H heavy fuel hydrocarbons present in the sample  
J estimated value  
M hydrocarbon pattern resembling motor oil present in the sample chromatogram  
U analyte not detected at reporting limit  
Z hydrocarbon pattern present did not resemble standard fuel chromatograms



Scale in Feet



Hunters Point Naval Shipyard  
San Francisco, California  
U.S. Department of the Navy  
NAVFAC SW  
San Diego, California

#### TIER 1 - SHEET 2 EXCAVATION PROGRESS MAP 11-30-2011

TIME-CRITICAL REMOVAL ACTION FOR THE  
PCB HOT SPOT AREA AT PARCEL E-2